L	Hits	Search Text	DB	Time stamp
Number 1	1	("5845281").PN.	USPAT	2004/01/20
*				08:17
2	10265	"card number"	USPAT;	2004/01/20
			US-PGPUB; EPO; JPO;	08:36
			IBM_TDB	
3	2372	"card number" and encryption	USPAT;	2004/01/20
			US-PGPUB; EPO; JPO;	08:36
			IBM_TDB	
4	2056	("card number" and encryption) and key	USPAT;	2004/01/20
	!		US-PGPUB; EPO; JPO;	08:38
			IBM_TDB	
5	5510	"card number"	USPAT;	2004/01/20
6	1003	"card number" and encryption	EPO USPAT;	08:38
			EPO	08:38
7	879	("card number" and encryption) and key	USPAT;	2004/01/20
8	19	("3665162" "4227253" "4679236"	EPO USPAT	12:20 2004/01/20
		"5144667" "5225664" "5485510"		08:40
		"5510777" "5590038" "5655020"		
		"5661803" "5661807" "5680456" "5706427" "5719914" "5740361"		
		"5761309" "5778173" "5790667"		
9	7	"5799085").PN.	USPAT;	2004/01/20
9	·	"card group number"	EPO	11:30
10	46	"smart card number"	USPAT;	2004/01/20
11	1932782	generating an encryption key" and card	EPO USPAT;	11:39
	1932/02	number	EPO EPO	12:45
12	0	"generating an encryption key" and "card	USPAT;	2004/01/20
13	344	number" "encryption key" and "card number"	EPO USPAT;	12:21 2004/01/20
			EPO	12:43
14	37	"encryption key" and "card ID"	USPAT; EPO	2004/01/20 13:21
15	0	generate an encryption key" and "card"	USPAT;	2004/01/20
	_	ID"	EPO	12:45
16	0	"generate an encryption key" and "card"	USPAT; EPO	2004/01/20 12:45
17	30	encryption and key and "smart card" and	USPAT;	2004/01/20
10	_	"card ID"	EPO	14:37
18	3	(("6094487") or ("5311595") or ("5604801")).PN.	USPAT	14:38
-	1658	encryption and key and management and	USPAT;	2003/07/29
		"smart card"	US-PGPUB; EPO; JPO;	07:55
			DERWENT;	
], , , , , , , , , , , , , , , , , , ,	IBM_TDB	0000/07/00
-	172	(encryption and key and management and "smart card") and "master key"	USPAT; US-PGPUB;	2003/07/29
		Time to data , and made a neg	EPO; JPO;	.
			DERWENT;	
_	19	5604801.URPN.	IBM_TDB USPAT	2003/07/29
				07:59
-	8	("4969188" "5111504" "5142578" "5200999" "5237611" "5265164"	USPAT	2003/07/29
		"5412721" "5513261").PN.		03.42

-	79	("4186871" "4223403" "4268715"	USPAT	2003/07/29
		"4281215" "4288659" "4295039"		09:46
1		"4302810" "4317957" "4423287"		
		"4438824" "4453074" "4529870"		
		"4575621" "4578530" "4588991"		
1		"4605820" "4630201" "4650975"		
		"4652698" "4656474" "4709137"		
		"4746788" "4799258" "4809326"		
		"4827508" "4837422" "4847803"		
		"4862501" "4866769" "4885788"		
		"4910774" "4926480" "4961142"		
		"4962531" "4965568" "4969188"		l
		"4974193" "4984270" "5025373"		
		"5036461" "5093862" "5103079"		
		"5109152" "5111504" "5120939"		
		"5144115" "5146499" "5175416"		
		"5182770" "5189287" "5204512"		
		"5206488" "5210795" "5212369"		
		"5220501" "5221838" "5223699"		
		"5224166" "5225664" "5227612"		
		020,020 1 0200000 1 0200000		
		"5253295" "5265164" "5267314"		
ļ		"5276312" "5288978" "5317636"		
1		"5327497" "5335276" "5365225"		
		"5367150" "5379344" "5381478"		
	1	"5396558").PN.		(
-	0	("JP-2000207831-\$.did.").PN.	USPAT	2003/07/29
				12:36
_	0	JP-2000207831-\$.did.	USPAT	2003/07/29
				12:36
_	594	(713/170-174).CCLS.	USPAT	2003/07/31
	",	(/15/1/0 1/1/100251		08:15
	113	((713/170-174).CCLS.) and "smart cards"	USPAT	2003/07/31
-	113	((/15/1/0-1/4/.ccmb.) and small calds	051711	08:18
		(/ 712 / 170 174) GGTG \ -md -md -monthmd	HCDATT	2003/07/31
-	204	((713/170-174).CCLS.) and "smart cards"	USPAT	
				08:18
-	19	(((713/170-174).CCLS.) and "smart cards")	USPAT	2004/01/12
		and "master key"		13:08
-	3	("4926478" "5640455" "5666419").PN.	USPAT	2003/07/31
				09:45
-	0	(((713/170-174).CCLS.) and "smart cards")	USPAT	2003/07/31
		and "variable key range"		10:29
_	l 0	(((713/170-174).CCLS.) and "smart cards")	USPAT;	2003/07/31
		and "variable key range"	US-PGPUB;	10:33
	1		EPO; JPO;	
	1		DERWENT;	
	1		IBM TDB	
	280	"smart card" and "master key"	USPAT;	2003/07/31
-	200	smart card and master key	US-PGPUB;	10:34
	1		EPO; JPO;	-0.53
]]
	1		DERWENT;	
	1		IBM_TDB	2002/07/21
-	1	(("smart card" and "master key") and	USPAT;	2003/07/31
	1	encryption) and "key range"	US-PGPUB;	10:35
	1		EPO; JPO;	
	1		DERWENT;	
	1		IBM_TDB	
-	255	("smart card" and "master key") and	USPĀT;	2003/07/31
		encryption	US-PGPUB;	10:43
	1		EPO; JPO;	
	1		DERWENT;	
	1		IBM TDB	
	140	/390/391) CCIS	USPAT	2003/07/31
-	142	(380/281).CCLS.	OSFAI	10:44
		(/200/001)	IIC DATE	
-	30	((380/281).CCLS.) and "smart card"	USPAT	2003/07/31
				10:44
-	13	(((380/281).CCLS.) and "smart card") and	USPAT	2003/07/31
	1	"master key"		11:04
-	1	("5285134").PN.	USPAT	2003/07/31
	1			11:05

-	1	("0285134").PN.	USPAT	2003/07/31 11:05
_	1.	("0085134").PN.	USPAT	2003/07/31
_	0	("8285134").PN.	USPAT	2003/07/31
-	1	("5694471").PN.	USPAT	11:09 2003/07/31 12:57
_	255	"smart card" and "master key" and encryption	USPAT; US-PGPUB;	2003/07/31
		encryption	EPO; JPO; DERWENT; IBM TDB	13.00
-	1	("smart card" and "master key" and encryption) and "key range"	USPĀT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/31
-	255	("smart card" and "master key" and encryption) and key	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/31 13:01
_	0	((("smart card" and "master key" and encryption) and key) and "card number") and "group number"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/31 13:01
-	42	(("smart card" and "master key" and encryption) and key) and "card number"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/31 14:17
-	63	"smart cards" and (key near3 range)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/31 14:19
-	32	("smart cards" and (key near3 range)) and "master key"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/31 14:48
_	9	("4200770" "4218582" "4405829" "4850017" "4908861" "4918728" "4924514" "4924515" "4941176").PN.	USPAT	2003/07/31 14:30
-	142	(380/281).CCLS.	USPAT	2003/07/31
-	30	((380/281).CCLS.) and "smart card"	USPAT	2003/07/31 14:55
_	345	(380/44).CCLS.	USPAT	2003/07/31 14:55
_	43	((380/44).CCLS.) and "smart card"	USPAT	2003/07/31
-	1	("5809140").PN.	USPAT	2003/08/04
-	3	("5455953" "5604807" "5627892").PN.	USPAT	2003/08/04
-	1	("5590197").PN.	USPAT	2003/08/04
-	204	"master key" and encryption and decryption and "smart card"	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/04
-	140	("master key" and encryption and decryption and "smart card") and hash	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/04 09:30
-	73	(("master key" and encryption and decryption and "smart card") and hash) and PIN	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/04

-	16	"encryption key management system"	USPAT;	2003/08/04
			US-PGPUB;	10:24
			EPO; JPO;	
			IBM_TDB	0000/00/04
-	548	"key range"	USPAT;	2003/08/04
	·		US-PGPUB;	10:25
			EPO; JPO;	
	,	H) H H	IBM_TDB USPAT;	2002/09/04
-	1	"key range" and "smart card"	•	2003/08/04
			US-PGPUB; EPO; JPO;	10:27
			IBM TDB	
	187	"portable processor"	USPAT;	2003/08/04
-	107	portable processor	US-PGPUB;	10:28
			EPO; JPO;	
			IBM TDB	
_	17	"portable processor" and "smart card"	USPAT;	2003/08/04
			US-PGPUB;	10:39
			EPO; JPO;	
			IBM TDB	
_	0	"variable key range"	USPAT;	2003/08/04
			US-PGPUB;	10:41
			EPO; JPO;	
			IBM_TDB	0000/00/04
-	49	"encryption variable"	USPAT;	2003/08/04
			US-PGPUB;	11:39
			EPO; JPO; IBM TDB	
		/#2006074# #4601011# #4720960#	USPAT	2003/08/04
-	8	("3806874" "4601011" "4720860" "4800590" "4885778" "4998279"	USPAI	11:14
		4800390		1 11.13
1_	45	"multiple smart cards"	USPAT;	2003/08/04
-	33	multiple Smalt Calds	US-PGPUB;	11:43
			EPO; JPO;	
			IBM TDB	
-	10737	"smart cards"	USPAT;	2003/08/04
			US-PGPUB;	11:43
			EPO; JPO;	
			IBM_TDB	
-	270	"smart cards" and "master key"	USPAT;	2003/08/04
			US-PGPUB;	11:45
			EPO; JPO;	
	204	("	IBM_TDB USPAT;	2003/08/04
-	204	("smart cards" and "master key") and encryption and decryption	US-PGPUB;	13:41
		encryption and decryption	EPO; JPO;	
			IBM TDB	
_	1	(("smart cards" and "master key") and	USPAT;	2003/08/04
	_	encryption and decryption) and "multiple	US-PGPUB;	13:43
		cards"	EPO; JPO;	
			IBM_TDB	
-	204	("smart cards" and "master key") and	USPĀT;	2003/08/04
		encryption and decryption	US-PGPUB;	14:09
			EPO; JPO;	
			IBM_TDB	0000 (00 (04
-	5	"master key" near3 generating near3	USPAT;	2003/08/04
		"encryption key"	US-PGPUB;	13:53
			EPO; JPO; IBM TDB	
_	97	"master key" near3 generating near3 key	USPAT;	2003/08/04
-	9/	master key hears denerating hears key	US-PGPUB;	13:53
			EPO; JPO;	-5.05
			IBM TDB	
_	23	("master key" near3 generating near3 key)	USPAT;	2003/08/04
		and "smart card"	US-PGPUB;	13:58
			EPO; JPO;	
			IBM_TDB	
-	55		USPĀT;	2003/08/04
		and encryption and decryption	US-PGPUB;	14:00
			EPO; JPO;	
L			IBM_TDB	ll

-	16		USPAT;	2003/08/04
		key) and encryption and decryption) and	US-PGPUB;	14:01
		"smart card"	EPO; JPO;	
			IBM TDB	
	0	"portable processor" and "master key" and	USPAT;	2003/08/04
		"encryption key"	US-PGPUB;	14:40
			EPO; JPO;	
			IBM TDB	
_	1280	"encryption key" and "smart card"	USPAT;	2003/08/04
	1200	chorjporon noj una zmaro cara	US-PGPUB;	14:40
			EPO; JPO;	
			IBM TDB	
	9	(("encryption key" and "smart card") and	USPAT;	2003/08/04
-	, ,	"master key") and "control vector"	US-PGPUB;	14:40
		master key) and control vector	EPO; JPO;	11.10
			IBM TDB	
	172	/!!	USPAT;	2003/08/04
-	173	("encryption key" and "smart card") and		
	1	"master key"	US-PGPUB;	14:44
			EPO; JPO;	
			IBM_TDB	/
-	89		USPĀT;	2003/08/04
		"master key") and "decryption key"	US-PGPUB;	14:50
			EPO; JPO;	
			IBM_TDB	
-	174	"generating encryption keys"	USPAT;	2003/08/04
			US-PGPUB;	14:51
			EPO; JPO;	
			IBM TDB	
-	18506	"generating encryption keys" ans "master	USPAT;	2003/08/04
	-5550	key"	US-PGPUB;	14:51
		1	EPO; JPO;	
			IBM TDB	
_	18	"generating encryption keys" and "master	USPAT;	2003/08/04
	"	key"	US-PGPUB;	14:59
		vel.	EPO; JPO;	* ~ .
			IBM TDB	
	777	"smart card" and "decryption key"	USPAT;	2003/08/04
-	737	"smart card" and "decryption key		15:26
			US-PGPUB;	13.20
			EPO; JPO;	
		(1)	IBM_TDB	2003/09/04
-	105	("smart card" and "decryption key") and "	USPAT;	2003/08/04
		master key"	US-PGPUB;	15:31
	1		EPO; JPO;	
			IBM_TDB	/
-	1	("5602918").PN.	USPAT	2003/08/04
				15:40
-	14	("4649233" "4862501" "4890323"	USPAT	2003/08/04
		"5048085" "5202922" "5237611"		15:31
		"5272754" "5345506" "5347580"		
		"5473689" "5475757" "5491749"		
		"5491750" "5497411").PN.]
-	34	generating and "encryption keys" and	USPAT	2003/08/04
	Ī	"decryption keys" and "smart cards"		15:49
-	15		USPAT	2003/08/04
		"decryption keys" and "smart cards") and		15:49
		"master key"		
l _	322	generating and "encryption keys" and	USPAT;	2003/08/04
		"decryption keys" and "smart cards"	US-PGPUB;	15:49
		accelbaton well and sware cards	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	64	(generating and "encryption keys" and	USPAT	2003/08/04
-	64	(generating and encryption keys and	OSIAI	16:02
		"decryption keys" and "smart cards") and		10.02
		"master key"	HCDATE.	2003/08/04
-	60	"encryption key management" and "smart	USPAT;	2003/08/04
		card"	US-PGPUB;	16:37
			EPO; JPO;	
			DERWENT;	
		l	IBM_TDB	0000/00/01
-	1	("5809140").PN.	USPAT	2003/08/04
	l	<u> </u>		16:40

-	3	("5455953" "5604807" "5627892").PN.	USPAT	2003/08/04 16:38
-	142	(380/281).CCLS.	USPAT	2003/08/04
-	58	(380/284).CCLS.	USPAT	2003/08/04
-	3	((380/284).CCLS.) and "smart cards"	USPAT	2003/08/04 16:43
-	237	380/278	USPAT	2003/08/04 16:44
-	150	(380/278).CCLS.	USPAT	2003/08/04 16:45
-	22	((380/278).CCLS.) and "master key"	USPAT	2003/08/04
-	4	(((380/278).CCLS.) and "master key") and "smart card"	USPAT	2003/08/04
-	12	"smart card" "multiple smart card"	USPAT	2003/08/04
_	54	"multiple smart card"	USPAT; US-PGPUB;	2003/08/04
			EPO; JPO; DERWENT;	17.00
	_		IBM_TDB USPAT;	2003/08/04
-	3	"multiple smart card" and "master key"	US-PGPUB;	17:00
			EPO; JPO; DERWENT;	
_	1	("5311595").PN.	IBM_TDB USPAT	2003/08/05
_	18	"master key" and "smart card" and	USPAT;	14:48
		(generating near3 "decryption keys")	US-PGPUB; EPO; JPO;	14:57
			DERWENT; IBM_TDB	
-	1	("5311595").PN.	USPAT	2003/08/06 10:14
-	0	"hashing the master key"	USPAT; US-PGPUB;	2003/08/05 17:15
			EPO; JPO; DERWENT;	
_	6	hashing near3 ("master key")	<pre>IBM_TDB USPAT;</pre>	2003/08/05
			US-PGPUB; EPO; JPO;	17:15
			DERWENT; IBM TDB	
_	0	ouptu near3 "encryption key"	USPĀT	2003/08/06 10:15
-	0	ouput near3 "encryption key"	USPAT	2003/08/06 10:15
-	65	output near3 "encryption key"	USPAT	2003/08/06 10:21
-	. 0	"outputting the encryption key"	USPAT	2003/08/06 10:18
-	1	"outputting encryption key"	USPAT	2003/08/06 10:18
_	6	"transferring encryption key"	USPAT	2003/08/06 10:38
-	8	"sending encryption key"	USPAT	2003/08/06 10:44
-	178	(713/180).CCLS.	USPAT	2003/08/06 10:44
-	65	((713/180).CCLS.) and variable	USPAT	2003/08/06 10:45
-	7	((713/180).CCLS.) and "generating keys"	USPAT	2003/08/06 10:47
-	346	(380/44).CCLS.	USPAT	2003/08/06 10:47
		<u> </u>	*···	

-	9	((380/44).CCLS.) and keys and "master	USPAT; US-PGPUB;	2003/08/06
		key" and hash	EPO; JPO;	11.40
			DERWENT;	
	_		IBM_TDB	2003/08/06
-	4	hashing near2 "master key"	USPAT; US-PGPUB;	11:54
			EPO; JPO;	12101
			DERWENT;	
	43	"master key" and hashing and "generating	IBM_TDB USPAT;	2003/08/06
-	43	master key and hashing and generating keys"	US-PGPUB;	14:09
		7.512	EPO; JPO;	
			DERWENT;	
	44	"generating keys" and "card number"	IBM_TDB USPAT;	2003/08/06
-	44	generating keys and card name:	US-PGPUB;	13:13
			EPO; JPO;	
			DERWENT;	
_	3	"hashing master key"	USPAT;	2003/08/06
	ŭ		US-PGPUB;	13:14
			EPO; JPO;	
			DERWENT;	
_	2	(("5,604,801") or ("5,311,595")).PN.	USPAT	2003/08/06
			, vanam	14:14
-	127	(713/169).CCLS.	USPAT	2003/08/06
_	1	("4608967").PN.	USPAT	2003/08/06
	_			16:33
-	1	"ENCRYPTION KEY MANAGEMENT SYSTEM USING	USPAT; US-PGPUB;	2004/01/12
		MULTIPLE SMART CARDS"	EPO; JPO;	09:03
			DERWENT;	
			IBM_TDB	2004/01/12
-	20	(((713/170-174).CCLS.) and "smart cards") and "master key"	USPAT	2004/01/12 15:13
_	20	(((713/170-174).CCLS.) and "smart cards")	USPAT	2004/01/12
	_	and "master key"	***************************************	13:31
-	0	"converting content of markup data for wireless devices"	USPAT; US-PGPUB;	2004/01/12 15:14
		WITETESS GEVICES	EPO; JPO;	
			DERWENT;	
	200	anual ase	IBM_TDB USPAT;	2004/01/12
-	200	spyglass	US-PGPUB;	15:14
			EPO; JPO;	
			DERWENT; IBM TDB	
_	156	spyglass and data	USPAT;	2004/01/12
		*******	US-PGPUB;	15:14
			EPO; JPO; DERWENT;	
			IBM TDB	
_	58	(spyglass and data) and converting	USPAT;	2004/01/12
			US-PGPUB;	15:14
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	30	((spyglass and data) and converting) and	USPAT; US-PGPUB;	2004/01/12 15:14
		wireless	EPO; JPO;	17.17
,			DERWENT;	
			IBM_TDB	2004/01/15
-	61	"multiple smart cards"	USPAT; US-PGPUB;	13:04
			EPO; JPO;	
			DERWENT;	
			IBM TDB	